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(54) Title: **ANTISENSE OLIGONUCLEOTIDES DIRECTED TO RIBONUCLEOTIDE REDUCTASE R2 AND USES THEREOF IN COMBINATION THERAPIES FOR THE TREATMENT OF CANCER**

(57) Abstract: Combination products comprising an antisense oligonucleotide against the gene encoding a mammalian ribonucleotide reductase R2 protein and one or more immunotherapeutic agents, such as cytokines, non-cytokine adjuvants, monoclonal antibodies and cancer vaccines. The combinations can further comprise one or more chemotherapeutic agents. Methods of treating cancer in a mammal using the combinations are also provided.

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